

CLAIMS:

1. A combination mixing and drinking vessel comprising:
a receptacle having an open top; and
a closure cap unit detachably secured to the receptacle in a position closing said open top,
5 said closure cap unit including a cap and a mixer supported by the cap,
said mixer having an actuatable mixing element extending down into the receptacle from the
cap,
said cap having an orifice through which the contents of the receptacle may be discharged
when the vessel is upended.
10
2. A combination mixing and drinking vessel as claimed in claim 1,
said closure cap unit further including a stopper movable between positions opening and
closing said orifice.
- 15 3. A combination mixing and drinking vessel as claimed in claim 2,
said stopper comprising part of an operating lever pivotally mounted on the cap for rocking
movement about a fulcrum to shift the stopper between its open and closed positions,
said lever including manually depressible portions on opposite sides of said fulcrum for
actuating the lever,
20 said stopper being disposed on one of said depressible portions.
4. A combination mixing and drinking vessel as claimed in claim 3,
said cap having a basin including a floor and sidewalls projecting upwardly from the floor
at the periphery of the basin,
25 said orifice being located in said floor,
one of said sidewalls comprising part of a pouring lip on the cap.
5. A combination mixing and drinking vessel as claimed in claim 4,
said one depressible portion of the operating lever being received within said basin,
30 said basin and said one depressible portion of the operating lever being configured and
arranged such that the operating lever does not interfere with drinking from the
pouring lip when the stopper is in its open position.

6. A combination mixing and drinking vessel as claimed in claim 1,
said mixer further including an electrically powered motor for driving said mixing element,
a battery for said motor, and a selectively operable switch for electrically connecting
and disconnecting the motor from said battery.

5

7. A combination mixing and drinking vessel as claimed in claim 6,
said cap having a compartment for receiving said battery and a removable lid for confining
the battery within the compartment.

10

8. A combination mixing and drinking vessel as claimed in claim 7,
said closure cap unit further including a stopper movable between positions opening and
closing said orifice.

15

9. A combination mixing and drinking vessel as claimed in claim 8,
said stopper comprising part of an operating lever that may be rocked about a fulcrum to shift
the stopper between its open and closed positions,
said lever including a pair of manually depressible portions on opposite sides of said fulcrum
for actuating the lever,
said stopper being disposed on one of said depressible portions,
the other of said depressible portions overlying said battery compartment.

20

10. A combination mixing and drinking vessel as claimed in claim 9,
said cap having a basin including a floor and sidewalls projecting upwardly from the floor
at the periphery of the basin,
said orifice being located in said floor,
one of said sidewalls of the basin comprising part of a pouring lip on the cap.

25

11. A combination mixing and drinking vessel as claimed in claim 10,
said one depressible portion of the operating lever being received within said basin,
said basin and said one depressible portion of the operating lever being configured and
arranged such that the operating lever does not interfere with drinking from the
pouring lip when the stopper is in its open position.

30

12. A combination mixing and drinking vessel as claimed in claim 6,
said mixer further including an electrical interlock switch operable to interrupt electrical
power to the motor when the cap unit is detached from the receptacle.

5 13. A combination mixing and drinking vessel as claimed in claim 1,
said cap having a basin including a floor and sidewalls projecting upwardly from the floor
at the periphery of the basin,
said orifice being located in said floor,
one of said sidewalls comprising part of a pouring lip on the cap.

10 14. A combination mixing and drinking vessel as claimed in claim 13,
said closure cap unit further including a stopper movable between positions opening and
closing said orifice.

15